

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	148	(echo with cancel\$) and (attenuate or attenuating or attenuation or attenuator) and 379/406.01	USPAT	OR	OFF	2006/04/15 13:34
L2	56	(echo with cancel\$) and (attenuate or attenuating or attenuation or attenuator) and 379/406.02	USPAT	OR	OFF	2006/04/15 13:35
L3	46	(echo with cancel\$) and (attenuate or attenuating or attenuation or attenuator) and 379/406.03	USPAT	OR	OFF	2006/04/15 13:35
L4	43	(echo with cancel\$) and (attenuate or attenuating or attenuation or attenuator) and 379/406.04	USPAT	OR	OFF	2006/04/15 13:35
L5	84	(echo with cancel\$) and (attenuate or attenuating or attenuation or attenuator) and 379/406.05	USPAT	OR	OFF	2006/04/15 13:35
L6	78	(echo with cancel\$) and (attenuate or attenuating or attenuation or attenuator) and 379/406.06	USPAT	OR	OFF	2006/04/15 13:35
L7	48	(echo with cancel\$) and (attenuate or attenuating or attenuation or attenuator) and 379/406.07	USPAT	OR	OFF	2006/04/15 13:35
L8	136	(echo with cancel\$) and (attenuate or attenuating or attenuation or attenuator) and 379/406.08	USPAT	OR	OFF	2006/04/15 13:46
L9	32	(echo with cancel\$) and (attenuate or attenuating or attenuation or attenuator) and 370/282	USPAT	OR	OFF	2006/04/15 13:46
L10	197	(echo with cancel\$) and (attenuate or attenuating or attenuation or attenuator) and 370/286	USPAT	OR	OFF	2006/04/15 13:46
L11	56	(echo with cancel\$) and (attenuate or attenuating or attenuation or attenuator) and 370/288	USPAT	OR	OFF	2006/04/15 13:46

## EAST Search History

L12	99	(echo with cancel\$) and (attenuate or attenuating or attenuation or attenuator) and 370/289	USPAT	OR	OFF	2006/04/15 13:46
S1	1	"5283784".pn.	USPAT	OR	OFF	2006/02/14 09:33
S2	127	(echo with cancel\$) and timer and expiration	USPAT	OR	OFF	2006/01/04 09:16
S3	34	(echo with cancel\$) and timer and expiration and attenuation	USPAT	OR	OFF	2006/01/04 10:20
S4	31	S3 and (@AD<="20011216")	USPAT	OR	OFF	2006/03/12 11:17
S5	8	(patel and jay).xa.	USPAT	OR	OFF	2006/01/04 10:03
S6	68	jagannathan-melanie.xa.	USPAT	OR	OFF	2006/01/04 10:05
S7	1	"6487283".pn.	USPAT	OR	OFF	2006/01/04 10:06
S8	1	(echo with canceller) and timer and expiration and attenuation	USPAT	OR	OFF	2006/01/04 10:11
S9	456	(echo with canceller) and attenuation	USPAT	OR	OFF	2006/01/04 10:13
S10	437	S9 and (@AD<="20011216")	USPAT	OR	OFF	2006/03/11 11:58
S11	9	(echo with canceller) and (attenuation same timer)	USPAT	OR	OFF	2006/01/04 10:13
S12	9	S11 and (@AD<="20011216")	USPAT	OR	OFF	2006/01/04 10:20
S13	171	(echo with cancel\$) and timer and attenuation	USPAT	OR	OFF	2006/01/04 10:20
S14	162	S13 and (@AD<="20011216")	USPAT	OR	OFF	2006/01/06 13:34
S15	353	(echo same cancel\$) and (attenuat\$ with (timer or time))	USPAT	OR	OFF	2006/01/05 10:41
S16	291	(echo with cancel\$) and (attenuat\$ with (timer or time))	USPAT	OR	OFF	2006/01/05 10:47
S17	282	S16 and (@AD<="20011216")	USPAT	OR	OFF	2006/01/05 10:48
S18	13	(echo with cancel\$) and (attenuat\$ with timer)	USPAT	OR	OFF	2006/01/05 10:48
S19	13	S18 and (@AD<="20011216")	USPAT	OR	OFF	2006/01/05 10:48
S20	489	echo same (attenuation or attenuating) same amplitude	USPAT	OR	OFF	2006/01/06 13:34
S21	468	S20 and (@AD<="20011216")	USPAT	OR	OFF	2006/01/06 14:03
S22	638	"370"/\$ and "379"/\$ and echo and amplitude and (minimize or reduce or attenuate) and (time or timer or counter)	USPAT	OR	OFF	2006/01/06 14:04
S23	610	S22 and (@AD<="20011216")	USPAT	OR	OFF	2006/01/06 14:05

## EAST Search History

S24	37	"370"/\$ and "379"/\$ and echo and (amplitude same (minimize or reduce or attenuate) same (time or timer or counter))	USPAT	OR	OFF	2006/01/06 14:05
S25	35	S24 and (@AD<="20011216")	USPAT	OR	OFF	2006/01/06 14:05
S26	30	harold-jefferey-f.xp.	USPAT	OR	OFF	2006/01/08 14:09
S27	6702	echo and amplitude and (minimize or reduce or attenuate) and (time or timer or counter)	USPAT	OR	OFF	2006/01/08 14:10
S28	638	echo and amplitude and (minimize or reduce or attenuate) and (time or timer or counter) and "370"/\$ and "379"/\$	USPAT	OR	OFF	2006/01/08 14:10
S29	113	echo and (amplitude same (minimize or reduce or attenuate)) and (time or timer or counter) and "370"/\$ and "379"/\$	USPAT	OR	OFF	2006/01/08 14:11
S30	37	echo and (amplitude same (minimize or reduce or attenuate) same (time or timer or counter)) and "370"/\$ and "379"/\$	USPAT	OR	OFF	2006/01/09 08:58
S31	5	(echo and (attenuate or attenuating or attenuation) and timer).clm.	USPAT	OR	OFF	2006/01/09 09:28
S32	25599	echo nearp7 (cancel\$8 or suppress\$5 or eliminat\$5 or reduc\$5) with attenuat\$4 with timer\$1	USPAT	OR	OFF	2006/01/09 09:01
S33	1013308	echo near\$7 (cancel\$8 or suppress\$5 or eliminat\$5 or reduc\$5) with attenuat\$4 with timer\$1	USPAT	OR	OFF	2006/01/09 09:21
S34	1	echo near (cancel\$8 or suppress\$5 or eliminat\$5 or reduc\$5) with attenuat\$4 with timer\$1	USPAT	OR	OFF	2006/01/09 09:22
S35	1	echo with (cancel\$8 or suppress\$5 or eliminat\$5 or reduc\$5) with attenuat\$4 with timer\$1	USPAT	OR	OFF	2006/01/09 09:23
S36	6	echo and (cancel\$8 or suppress\$5 or eliminat\$5 or reduc\$5) with attenuat\$4 with timer\$1	USPAT	OR	OFF	2006/01/09 09:23
S37	0	(echo and (attenuate or attenuating or attenuation) and timer) and 370/286-289	USPAT	OR	OFF	2006/01/09 09:28
S38	2	echo and (attenuate or attenuating or attenuation) and 370/286-289	USPAT	OR	OFF	2006/01/09 09:29

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S39	200	echo and (attenuate or attenuating or attenuation) and 370/286	USPAT	OR	OFF	2006/01/09 09:29
S40	57	echo and (attenuate or attenuating or attenuation) and 370/287	USPAT	OR	OFF	2006/01/09 09:29
S41	58	echo and (attenuate or attenuating or attenuation) and 370/288	USPAT	OR	OFF	2006/01/09 09:29
S42	104	echo and (attenuate or attenuating or attenuation) and 370/289	USPAT	OR	OFF	2006/01/09 09:31
S43	43	echo and (attenuate or attenuating or attenuation) and 379/406.04	USPAT	OR	OFF	2006/01/09 09:32
S44	49	echo and (attenuate or attenuating or attenuation) and 379/406.07	USPAT	OR	OFF	2006/01/09 09:32
S45	230	(echo same (attenuate or attenuating or attenuation)) and timer	USPAT	OR	OFF	2006/02/14 08:33
S46	221	S45 and (@AD<="20011216")	USPAT	OR	OFF	2006/02/14 09:33
S47	351	(digital with loss) and echo	USPAT	OR	OFF	2006/02/14 09:34
S48	324	S47 and (@AD<="20011216")	USPAT	OR	OFF	2006/02/14 09:34
S49	17	(digital adj loss) and echo	USPAT	OR	OFF	2006/02/14 09:34
S50	17	S49 and (@AD<="20011216")	USPAT	OR	OFF	2006/02/14 09:36
S51	0	S49 and (@AD<="20011216") and timer and clock	USPAT	OR	OFF	2006/02/14 09:36
S52	11	S49 and (@AD<="20011216") and (timer or clock)	USPAT	OR	OFF	2006/02/14 09:36
S53	1384	(echo with cancel\$) and (attenuate or attenuating or attenuation)	USPAT	OR	OFF	2006/03/11 12:30
S54	1423	(echo with cancel\$) and (attenuate or attenuating or attenuation or attenuator)	USPAT	OR	OFF	2006/04/15 13:34
S55	1330	S54 and (@AD<="20011216")	USPAT	OR	OFF	2006/03/11 11:59
S56	1558	(echo with (reduction or cancel\$)) and (attenuate or attenuating or attenuation or attenuator)	USPAT	OR	OFF	2006/03/12 11:16
S57	309	(echo with reduction) and (attenuate or attenuating or attenuation or attenuator)	USPAT	OR	OFF	2006/03/11 11:59
S58	288	S57 and (@AD<="20011216")	USPAT	OR	OFF	2006/03/11 12:08

## EAST Search History

S59	17	(echo with (reduction or cancel\$)) and ((attenuate or attenuating or attenuation or attenuator) same timer)	USPAT	OR	OFF	2006/03/11 12:08
S60	17	S59 and (@AD<="20011216")	USPAT	OR	OFF	2006/03/11 12:31
S61	279	(echo with (canceler or canceller)) same (attenuate or attenuating or attenuation or attenuator)	USPAT	OR	OFF	2006/03/11 12:31
S62	4	(figure same echo with (canceler or canceller)) same (attenuate or attenuating or attenuation or attenuator)	USPAT	OR	OFF	2006/03/11 12:31
S63	4	(echo with (canceler or canceller)) same (attenuate or attenuating or attenuation or attenuator) same figure	USPAT	OR	OFF	2006/03/11 12:31
S64	3	S63 and (@AD<="20011216")	USPAT	OR	OFF	2006/03/11 12:31
S65	115	(echo with (reduction or cancel\$)) same (before or prior) same (attenuate or attenuating or attenuation or attenuator)	USPAT	OR	OFF	2006/03/12 11:17
S66	18	(echo with (reduction or cancel\$)) with (before or prior) with (attenuate or attenuating or attenuation or attenuator)	USPAT	OR	OFF	2006/03/12 11:17
S67	15	S66 and (@AD<="20011216")	USPAT	OR	OFF	2006/03/12 11:21
S68	4660	echo and ((attenuate or attenuating) with before (cancel or canceling or cancelling))	USPAT	OR	OFF	2006/03/12 11:22
S69	1	echo and ((attenuate or attenuating) with before with (cancel or canceling or cancelling))	USPAT	OR	OFF	2006/04/14 16:13
S70	1	"4126770".pn.	USPAT	OR	OFF	2006/04/14 16:13
S71	0	"4126770".pn. and (attenuate or attenuating or attenuation)	USPAT	OR	OFF	2006/04/15 12:16